NEW

Mosaic™ mechanisms
switches, pushbuttons, sensitive and automatic switches

770 02

770 12

792 01

792 11

766 66

784 51

792 51

Selection chart for boxes, supports and plates (p. 812-813)

All the two-way switches with indicator have a terminal for neutral connection

Switches 10 AX - 250 V~

Fast connection via automatic terminals, no tool required

Pack	1 module	2 modules	
			White finish cover plate
10	770 00	770 10	Switch 10 AX
10	770 01	770 11	Two-way switch 10 AX
10	770 02(1)(2)	770 12(1)(3)	Two-way switch, 10 AX with LED indicator
			Intermediate switch, 10 AX
10		770 21	White finish
10		792 21	Alu finish
			Aluminium finish cover plate
10	792 01	792 11	Two-way switch, 10 AX
10	792 02(1)(2)	792 12(1)(3)	Two-way switch, 10 AX with LED indicator

Switches 16 AX - 250 V~

Screws terminals

Pack	1 module	2 modules	
			White finish cover plate
10	770 91	770 92	Two-way switch 16 AX
10	770 93(3)	770 94(3)	Two-way switch with LED indicator

Switches 20 AX - 250 V~

Screws terminals

Pack	1 module	2 modules	
			White finish cover plate
10		770 50	2-pole switch, 20 AX
10		770 52(3)	2-pole switch, 20 AX with LED indicator
10	770 60		Two-way switch, 20 AX
10	770 62(3)		Two-way switch, 20 AX with LED indicator

Pushbuttons 6 A - 250 V~

Fast connection via automatic terminals, no tool required

Pack	1 module	2 modules	
			White finish cover plate
10	770 30	770 40	Pushbutton, 6 A
10	770 31	770 41	Two-way pushbutton, 6 A
10	770 33(1)		Pushbutton 6 A with neon for indicator function
10	770 32(2)	770 42(2)	Two-way pushbutton, 6 A with LED indicator
10		770 43	Two-way pushbutton, 6 A with label-holder

Pushbuttons 6 A - 250 V~ (continued)

Pack	1 module	2 modules	
			Aluminium finish cover plate
10	792 30	792 40	Pushbutton, 6 A
10	792 32(3)	792 42(3)	Two-way pushbutton, 6 A with LED indicator

Sensitive switch, 10 AX

Pack	2 modules	
1	766 66	For controlling light sources by simply passing the hand close to the switch Particularly suitable for applications in medical environments Up to 5 sensitive switches can be combined to control the same lighting circuit Supplied with LED indicator light

Automatic switches 110-230 V~ - 50 Hz

Infrared detection
Detection range adjustable from 3 m to 10 m
Horizontal detection angle: 180°
Light level threshold adjustable from 3 to 1000 lux
Time delay adjustable from 1 s to 16 mins with repetition of cycle as long as movement is detected
Remote manual control possible with normally closed pushbutton
Integrated self-protection against overloads and short circuits
For installation in box depth 40 mm min.

With neutral, 3-wire, 1000 W

For controlling lamps:
- Up to 1000 W for 230 V~ incandescent or halogen
- Up to 500 VA for ELV halogen with ferromagnetic or electronic transformer, compact fluorescent bulbs, fluorescent tubes

Pack	White	Aluminium	
1	784 51	792 51	2 modules

Without neutral, 2-wire, 400 W

For controlling lamps:
- Up to 400 W for 230 V~ incandescent or halogen
- Up to 400 VA for ELV halogen with ferromagnetic or electronic transformer

Pack			
1	784 56	792 56	2 modules

Lighting management (p. 908)

(1) For the two-way switch indicator function, in distributed phase
For the two-way switch indicator function, in conventional wiring, use indicator light Cat.No 676 65 (see p. 546)
(2) For the illuminated function, use indicator light Cat.No 676 66 for 230 V and 676 67 for 12, 24 and 48 V (see p. 546)
(3) For the indicator or illuminated functions use Cat.No 676 64 (see p. 546)

Red catalogue numbers: New products

Mosaic™ mechanisms
dimmer switches

784 01

784 02

Selection chart for boxes, supports and plates (p. 812-813)

All dimmer switches have separate buttons on the front face for switching on/off and for +/- dimming
Can be remotely controlled via non-illuminated pushbuttons (p. 792), with each pushbutton able to perform the dimming function
When switched on, lighten at the level set before last switched off
For installation in flush-mounting box depth 40 mm min.

Pack	Cat.Nos	Dimmer switches 110-230 V∿ - 50 Hz
		All dimmer switches (except for Cat.No 784 05) can be used as two-way switches in combination with a switch (p. 792)
		Without neutral, 2-wire, 400 W
		For controlling lamps: - Up to 400 W for 230 V∿ incandescent or halogen - Up to 400 VA for ELV halogen with ferromagnetic or electronic transformer
	2 modules	
1	784 01	White finish cover plate
1	792 04	Aluminium finish cover plate
		With neutral, 3-wire, 1000 W
		For controlling lamps: - Up to 1000 W for 230 V∿ incandescent or halogen - Up to 1000 VA for ELV halogen with ferromagnetic or electronic transformer 5 LEDs displaying the current level of the circuit
	5 modules	
1	784 02	White finish cover plate
1	792 06	Aluminium finish cover plate
1	2 modules 784 04	**Dimmer switch 0-10 V** For on/off/dimming control of fluorescent tubes with 0-10 V electronic ballast Max. control current: 40 mA Max. power: 600 VA
1	2 modules 784 10	**Auxiliary control unit for remote control dimmer** Remote control dimming peripheral for local control of a remote control dimmer, with the same easy operation as a conventional dimmer A power supply Cat.No 036 80 is required for controlling Lexic modular remote control dimmers Cat.Nos 036 60/71 (p. 180)

Mosaic™ mechanisms
lighting environment controller

784 30

784 31

Selection chart for boxes, supports and plates (p. 812-813)

Pack	Cat.Nos	Lighting environment controller 110-230 V∿ - 50 Hz
		Main controller Particularly suitable for controlling lighting environments in conference rooms, meeting rooms, restaurants, showrooms, etc. Possible applications: - Control of 3 lighting circuits in one room - Control of lighting environments by dimming polychromatic lamps (red/green/blue or warm white/cool white) Sources supported per circuit: 1000 W for 230 V∿ incandescent or halogen, or 1000 VA for fluorescent tubes with 0-10 V ballast, or 1000 VA for ELV halogen with ferromagnetic or electronic transformer The cumulative load of the 3 circuits must not exceed 2200 W - DALI input ballasts and 0-10 V ballasts can be controlled Controls on front face: - 6 pushbuttons for on/off/dimming control of each of the 3 lighting circuits - 3 sets of 5 LEDs displaying the current level of each circuit - 4 pushbuttons for memorisation and control of lighting environments Can be controlled remotely by infrared using remote control Cat.No 784 31
1	784 30	Installation with neutral in box, depth 50 mm recommended (Cat.No 801 24) Does not require an installation support (it is integrated with the mechanism) Use finishing plate Cat.No 788 39
		Infrared remote auxiliary controller
1	784 31	For remote control of memorised lighting environments Operates with 9 V battery (not supplied)
1	788 39	**Plates** For lighting environment controller (Cat.No 784 30) do not require any specific support White finish

NEW

Mosaic™ mechanisms

timer switch, time switch, pull-cord switch, ventilation control, emergency stop, keyswitches, call indicators

784 25

766 01

770 72

770 75

697 95

784 45

770 47

770 48

Selection chart for boxes, supports and plates (p. 812-813)

Timer switch

Pack	Cat.Nos
1	2 modules 784 20

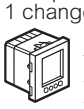
Interference suppression conforming to standard EN 55022
For timer control of a circuit with the following loads:
1000 W 230 V~ incandescent and halogen
- 1840 W resistive (heating)
- 400 VA fluorescent and ELV halogen
Adjustable from 25 s to 15 min

It is possible to install a number of timer switches in parallel on the same circuit
2-wire installation in 40 mm min. box
Has an integrated LED

Programmable time switch

Pack	Cat.Nos
1	2 modules 784 25

20 hours working reserve
Capacity: 8 weekly programmes
Temporary or permanent override
1 output - 6 A - 250 V~ cos φ = 1
1 changeover contact



Used to program the control of a circuit with the following loads:
- 1200 W 230 V~ incandescent and halogen
- 1800 VA fluorescent Ø26 or 38 mm and ELV halogen with ferromagnetic or electronic transformer
- 1800 W motors (ventilation only)
- 3600 W resistive (heating only)

Pull-cord switch

Pack	Cat.Nos
	2 modules
1	770 14
1	770 44
10	898 05

Fast connection via terminals, no tool required automatic

Two-way switch, 10 AX
For controlling 230 V~ incandescent and halogen lamps up to 2300 W

Two-way pushbutton, 6 A, with pull cord

Cord for pull mechanism
Length 1.5 m

Ventilation control

Pack	Cat.Nos
1	2 modules 770 27

Fast connection via automatic terminals, no tool required
Two-way switch for direct control of controlled mechanical ventilation 10 AX - 250 V~

Emergency stop mushroom head pushbuttons

Pack	Cat.Nos
	2 modules
1	766 01
1	766 02

With key

NO + NC
3 A - 250 V~
Unlock with RONIS key no. 455

1/4 turn

NO + NC
3 A - 250 V~
1/4 turn unlocking

Keyswitches

Pack	Cat.Nos
	2 modules
1	770 72
1	770 73
1	770 74
1	770 75
1	697 95

2-position switch

By changeover contact
6 A - 250 V~
RONIS key no. 601
Key can be removed in both positions

3-position switch

Changeover switch with OFF position
6 A - 250 V~
RONIS key no. 601
Key can be removed in all 3 positions

2-position switch - European key barrel

1 contact - 2 poles 6 A - 250 V~
Key can be removed in both positions
Must be fitted with standard European key barrel or key barrel Cat.No 697 95

3-position pushbutton- European key barrel

Changeover switch with OFF position
6 A - 250 V~
Must be fitted with standard European key barrel or key barrel Cat.No 697 95

European key barrel

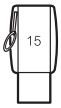
European key barrel supplied with one set of 3 keys

Key fob switch

Pack	Cat.Nos
1	784 45
1	898 06

For energizing a circuit by inserting a key fob Cat.No 898 06 or a smart card (e.g. access card for a hotel room)
Power requirement: 230 V~ - 50/60 Hz
Time-delay of approx. 30 sec. after card removal
Used with a contactor or with Mosaic single pole relay Cat.No 766 90 (p. 795)

2 modules - white finish



Key fob
Supplied complete with a label holder for individual hotel identification

Hotel bedroom indicator

Pack	Cat.Nos
5	770 47
5	770 48

Indicator lamp and bell push
Enables the resident to inform hotel staff of the room status
Two settings are possible:
- do not disturb
- please clean the room

Installed in the corridor, displays calls
Supplied with lamps Cat.Nos 899 16/17 (p. 580)

Allows the user to select the desired setting
Supplied with lamps Cat.Nos 67668 (p. 546)

Red catalogue numbers: New products

Mosaic™ mechanisms
heating, temperature regulation

767 20

767 21

Selection chart for boxes, supports and plates (p. 812-813)

Fast connection via automatic terminals, no tool required

Pack	Cat.Nos	Room thermostats
1	2 modules 767 20	Power supply 230 V~ - 50/60 Hz Suitable for regulation of ceiling panel heating and direct floor heating **Electronic** Adjustment range from 5 °C to 30 °C Adjustment accuracy +/- 0.5 °C (category B) One output by non-powered contact Pushbutton on front face for selecting the operating mode (off, switch off when temperature falls or rises) • LV use Breaking capacity: - 8 A / 230 V~ - resistive circuit - 2 A / 230 V~ - inductive circuit • ELV use Breaking capacity from 1 mA min. to 500 mA max. 12 to 48 V~ / 12 to 24 V⎓
1	5 modules 767 21	**Electronic with weekly programming** Provides temperature regulation for oil, gas and electric heating installations in comfort, reduced and frost-free modes Permanent display of the current programme 4 preset programmes, 1 free programme, 4 time periods max. per day, 2 adjustable temperature levels Adjustment range: 7 °C to 30 °C Adjustment accuracy: ± 0.5 °C (category B) Permanent backup of programmes Working reserve 100 h 1 output by changeover contact Breaking capacity - 8 A - 250 V~ - resistive circuit - 2 A - 250 V~ - inductive circuit - 1 to 500 mA max. - 12 to 48 V~

Pack	Cat.Nos	Sensor for the Lexic modular thermostat
1	2 modules 767 23	Measures the temperature for the Lexic modular thermostat

NEW

Mosaic™ mechanisms
roller blind controls

770 26

792 26

770 24

Selection chart for boxes, supports and plates (p. 812-813)

Fast connection via automatic terminals, no tool required

Pack	Cat.Nos	Roller blind switches
10	2 modules 770 26	For direct raise/lower/stop control of 500 W max. blind, awning or canopy motor Switch with white finish cover plate
1	792 26	Switch with aluminium finish cover plate

Pack	Cat.Nos	Roller blind pushbuttons
10	2 modules 770 25	For controlling 500 W max. blind, awning or canopy motor by electronic control box Pushbutton with white finish cover plate
1	792 25	Pushbutton with aluminium finish cover plate

Pack	Cat.Nos	Power Line Carrier control for roller blinds and awnings
1	2 modules 770 23	For controlling blinds individually or centrally by zone (raise/lower/stop) For all types of mechanical or electronic blind motor Connection to mains power 230 V~ Operation by Power Line carrier and infrared For flush-mounting in box depth 40 mm White finish **Individual control** Direct control of one 500 W max. blind motor (raise/lower/stop) Can be controlled remotely from the same room or another room by 32 centralized switches Cat.No 770 24
1	2 modules 770 24	**Centralized control** For controlling (raise/lower/stop) a zone containing as many individual switches Cat.No 770 23 as required Has two auxiliary inputs (raise and lower) for control via volt-free contact from a time switch, light sensitive switch, etc.

Pack	Cat.Nos	Single pole relay
1	2 modules 766 90	Used to bring functions with low breaking capacity close to the application Resistive: 3000 W Incandescent: 1800 W LV halogen: 1800 W Fluorescent: 400 VA Motors (roller blind type): 530 W

Legrand System
These products are part of solutions for office equipment > See p. 772-773

Red catalogue numbers: New products

NEW

access control: Mosaic™
readers

767 03

767 02

767 01

778 77

Selection chart for boxes, supports and plates (p. 812-813)

Pack	Cat.Nos	Easy to use readers
	White	5 vertical modules Mosaic mechanisms equipped with 2 LEDs and 1 buzzer To be associated with mounting boxes (p. 585) Can be used in stand-alone mode or with control panel (Cat.No 767 04 or other control panel using Wiegand protocole) IP 40 - IK 04
1	767 01	**Keyboard reader** 12 V⎓ - 47 mA 99 users in stand-alone mode and up to 10000 users with the Legrand control panel Cat.No 767 04 1 door volt-free changeover contact (1 A - 12 V) adjustable from 1 sec to 255 sec 1 push-button volt-free contact Built-in Wiegand protocol interface Permanent backup memory
1	767 02	**Card reader** 12 V⎓ - 118 mA 500 users in stand-alone mode and up to 10000 users with the Legrand control panel Cat.No 767 04 1 door volt-free changeover contact (1 A - 12 V) adjustable from 1 sec to 255 sec 1 push-button volt-free contact Built-in Wiegand protocol interface Permanent backup memory Supplied with a master card, used to enrol a user or to communicate between the reader and the encoder Cat.No 767 05 in stand-alone mode
1	767 03	**Fingerprint reader** 12 V⎓ - 145 mA 999 users in stand-alone mode and also with the Legrand control panel Cat.No 767 04 1 door volt-free changeover contact (1 A - 12 V) adjustable from 1 sec to 255 sec 1 push-button volt-free contact Permanent backup memory Built-in back-lighted LCD for clear instruction display

Pack	Cat.Nos	Access control readers - Outdoor
		Surface mounting without flush mounting box Power supply: 12 V⎓
1	778 77	**Card reader IK 10 - IP 55** Operates in self-powered or centralized mode on a controller Cat.No 767 04 (p. 797) Accepts iso format smart cards (Cat.No 767 11) or card key fobs (Cat.No 767 10) Supplied with Soliroc plate Technical characteristics identical to Cat.No 767 02 Equipped with 2 red/green LEDs and a buzzer
1	767 16	**Outdoor card reader** Adapted for installation of a card reader outdoor Operates in centralized mode only by being wired to the Legrand controller Cat.No 767 04 (p. 797) Compatible with Wiegand protocol IP 65 - IK 10 Black Equipped with 2 LEDs and a buzzer Consumption: 150 mA
1	767 17	**Centralized outdoor keypad** Operates in centralized mode only by being wired to the Legrand controller Cat.No 767 04 (p. 797) Compatible with Wiegand protocol Equipped with a buzzer IP 65 - IK 10 Grey Consumption: 80 mA

Pack	Cat.Nos	Installation accessories
1	767 07	Electromagnetic lock Locking force: 300 kg 12 V power supply, 500 mA consumption Delivered with surface-mounting fixing accessories
1	3749 00	Electric door release - reversible left/right side 12 V∿ / ⎓ power supply, 300 mA
1	047 95	Power supply - output 12 V⎓ 1.3 A
1	047 92	Power supply - output 12 V⎓ 2.5 A

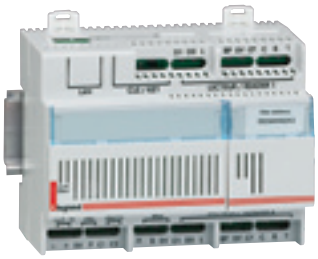
Pack	Cat.Nos	Backup power supply
1	767 18	12 V DC - 4 A To be equipped with 12 V - 7 Ah battery (Cat.No 433 41) not supplied

Red catalogue numbers: New products

access control: Mosaic™ readers

NEW

access control: Mosaic™ readers



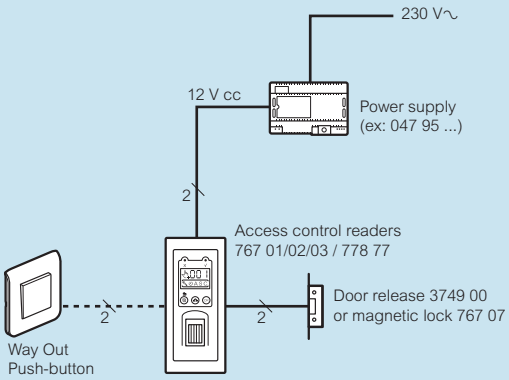
767 04

767 10

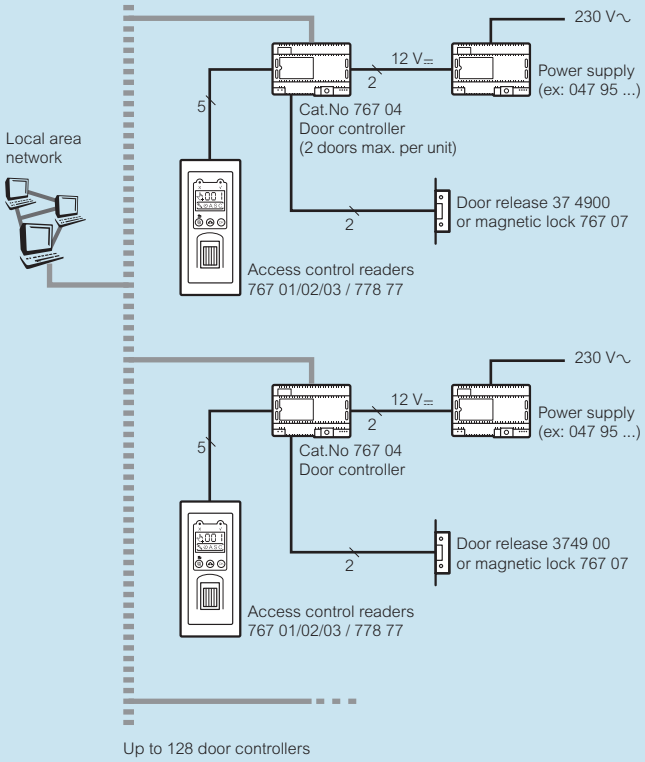
767 11

767 05

■ Stand-alone



■ Centralized



Pack	Cat.Nos	
		Door controller
1	767 04	To be connected with Legrand readers or any reader using Wiegand protocol (1 bit up to 128 bits) or ABA (clock and data) Built-in software to be used when only 1 door controller is connected If more than 1 door controller, the Cat.No 767 06 must be added Time office plurality per badge and zone - activation, desactivation of the badges - selection of access and/or group of accesses - management of 32 slots (in timetable) - event log: 10000 events - up to 10000 users 2 readers maximum 2 doors volt-free changeover contact (1 A - 12 V) 2 push-button contact 2 door-status entry Anti-passback function Built-in IP interface: to connect up to 128 Legrand door controllers and a PC through the LAN
		Multi-access management software
1	767 06	To supervise an installation of more than 2 door controllers: - display of the actual status of each controlled access - direct display of readers status, badge controlled - memory of events - allows to supervise up to 128 controllers
		Accessories for card reader
		Badges for card reader
5	767 10	Contactless Keyfob badge 13.56 Mhz (possibility to personalize)
10	767 11	ISO contactless card Dim.: 50 x 80 mm
		USB encoder for PC
1	767 05	Intermediate level of management for card reader in stand-alone mode Allows to easily encode a large number of badges through the master badge of the reader

Red catalogue numbers: New products

Mosaic™ mechanisms

NEW

single, multi-support power sockets: German and international standards

772 11

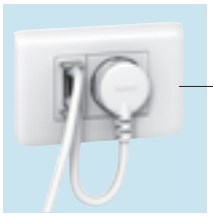
775 02

775 04

775 05

775 06

771 11


770 80

772 31

775 86

Selection chart for boxes, supports and plates (p. 812-813)

Multi-support single sockets - German standard

With shutters for child protection (except Cat.No 772 10)
For installation in flush-mounting box, surface mounting box, floor box, column module, desktop multi-outlet extension, office module and trunking

Pack	Cat.Nos	
	2 modules	
10	772 10	2P+E without shutters for child protection screw terminals
10	772 11	2P+E - Automatic terminals
10	772 13	2P+E with special tap-off screw and 4 mm² screw terminals
10	772 45	2P+E angled at 45° - Automatic terminals
10	792 13	2P+E with aluminium finish cover plate screw terminals tamperproof
10	772 14	2P+E - Screw terminals
10	771 10	2P - Automatic terminals
10	772 19	2P+E with cover - Automatic terminals
10	772 12(1)	2P+E with indicator(1) - Screw terminals
10	772 16	2P+E green cover plate Automatic terminals
10	772 17	2P+E orange cover plate Automatic terminals
10	772 18	2P+E red cover plate Automatic terminals
	1 module	
10	771 50	2P ELV screw terminals Automatic terminals

Easy and simple actions 2P+E socket

Pack	Cat.Nos	
1	5 modules 772 31	Special for disabled persons 2P+E socket Simple action on the lever allows easy plug-in or unplug

(1) Indicator Cat.No 676 64 (see p. 546) supplied with the product

International standard power sockets

Connection by screw terminals

Pack	Cat.Nos	
	1 module	**Euro-US**
10	775 01	2P
	2 modules	
10	775 02	2P+E
	1 module	**US**
10	775 03	2P
	2 modules	
10	775 04	2P+E 15 A
	2 modules	**British**
10	775 05	2P+E 13 A
	1 module	**Italian**
10	775 10	2P+E 10 A on line
10	775 11	2P+E 10/16 A
	2 modules	**Swiss**
10	775 06	2P+E type 13 Automatic terminals
	2 modules	**French**
10	771 11	2P+E Automatic terminals

Anti-extraction module

Pack	Cat.Nos	
	1 module	
1	770 80	When used with a socket, avoids accidental unplugging of sensitive electrical equipment, by gripping the cord (Ø4 to 8 mm cords) Can withstand an extraction force of 350 N (35 kgs)

Shaver sockets IP 24 - IK 04

Conform to EN 60742 and EN 61558-2
Power supply 230 VA - 50/60 Hz and 1 output 120/220 V∿. Connection via automatic terminals
Equipped with a circuit separation transformer to isolate the user from the mains supply
Protected against overloads and short circuits by built-in thermal relay limiting the available power to 20 VA. Insertion of the plug activates the power supply to the transformer

Pack	Cat.Nos	
	5 modules	
1	775 86	With integrated support For flush mounting boxes only, use 2 gang box, 40 mm deep

Red catalogue numbers: New products

Mosaic™ mechanisms

NEW

multi-support multiple sockets and special trunking sockets: German standard

772 52

772 83

772 02

772 52 back view
Automatic terminals

771 90

774 02

Selection chart for boxes, supports and plates (p. 812-813)

Multi-support multiple sockets

For installation in flush-mounting box, surface-mounting box, floor box, column module, desktop multi-outlet extension and office module
Inclined 45°
Connection by automatic terminals

Pack	Standard	Tamperproof	
10	772 52	772 81	2 x 2P+E
10	772 90	772 92	2 x 2P+E with indicator supplied with neon
10	772 53	772 82	3 x 2P+E
5	772 54	772 83	4 x 2P+E
	Alu	Red	
10	792 82	772 72	2 x 2P+E
10	792 83	772 73	3 x 2P+E

Sockets for snap-on trunking

Sockets with shutters with connection at both sides for snap-on mounting on trunking with 45 mm cover (p. 816-817)
The sockets incorporate the Soluclip accessory to hold the socket in place and comply with the standard
Connected with automatic terminals

Standard and tamperproof sockets

Pack	White	Tamperproof	
10	772 02	772 22	2 x 2P+E
10	772 03	772 23	3 x 2P+E

Red sockets
Sockets with red finish for identification of dedicated circuits

Pack	Red	
10	772 42	2 x 2P+E at an angle of 45°
10	772 43	3 x 2P+E at an angle of 45°

Cat. 6 FTP - RJ 45 sockets

Pack	White	
5	771 90	FTP - 9-pin, 2 RJ 45, equipped with the Soluclip accessory 3-gang

Cat. 5e FTP - RJ 45 sockets

Pack		
5	771 80	FTP - 9-pin, 2 RJ 45, equipped with the Soluclip accessory 3-gang

Sockets for installation on trunking

Sockets with shutters with connection at both sides for mounting on 65 and 85 mm cover DLP trunking in conjunction with supports and plates for trunking (see p. 824-825)
Direct connection requiring no tools, intuitive disconnection without dismantling the support

Automatic terminals

Pack	Standard	Tamperproof	
10	774 01	774 21	2P+E
10	774 02	774 22	2 x 2P+E
10	774 03	774 23	3 x 2P+E
5	774 04	774 24	4 x 2P+E
	Red		
10	774 12		2 x 2P+E
10	774 13		3 x 2P+E

Screw terminals

Pack	Standard	Tamperproof	
10	776 01	776 21	2P+E
10	776 02	776 22	2 x 2P+E
10	776 03	776 23	3 x 2P+E
5	776 04	776 24	4 x 2P+E
	Red		
10	776 12		2 x 2P+E
10	776 13		3 x 2P+E

Tamperproof insert

Pack		
10	502 99	Tamperproof insert for socket Fits directly into the plug

Legrand System

These products are part of solutions for office equipment > See p. 772-773

Red catalogue numbers: New products

Mosaic™ mechanisms

RJ 45 10GIGA, Cat. 6, Cat. 5e sockets and copper switches

NEW

786 40

786 41

786 90

792 90

792 91

787 66

787 61

787 62

Selection chart for boxes, supports and plates (p. 812-813)

RJ 45 sockets

Pack	Cat.Nos	
		Certified as conforming to standards ISO 11801 ed.2.0, EN 50173-1 and EIA/TIA 568 Rapid connection sockets, no tool needed Contacts marked with 568 A and B dual colour code and numbers Connectors with self-stripping terminals Possibility of re-wiring in the event of error Multidirectional cable entry Can be installed in all 35 mm deep supports for UTP and FTP connectors, and 50 mm deep for STP connectors
		10GIGA Supports 10 G Base-T applications up to 100 m in a channel conforming to standards ISO/IEC 24750 TIA TSB 155 and IEEE 802.3an For the Legrand LCS 10GIG cabling system
	1 module	
10	786 40	STP/FTP - 9 contacts, shielded folded metal
	2 modules	
10	786 41	STP/FTP - 9 contacts, shielded folded metal
	1 module	**Cat. 6 STP**
10	786 30	STP - 9 contacts, shielded folded metal
	2 modules	
10	786 31	STP - 9 contacts, shielded folded metal
10	786 33	STP - 9 contacts, Zamak shielded
10	786 32	STP - 9 contacts, shielded folded metal, socket at 90°
	1 module	**Cat. 6 FTP**
10	786 90	FTP - 9 contacts
10	792 90	FTP - 9 contacts, aluminium finish cover plate
	2 modules	
10	786 91	FTP - 9 contacts
10	792 91	FTP - 9 contacts, aluminium finish cover plate
10	786 92	FTP - 9 contacts, socket at 90°
10	792 98	FTP - 9 contacts, sockets at aluminium finish
	1 module	**Cat. 6 UTP**
10	786 60	UTP - 8 contacts
10	792 60	UTP - 8 contacts, aluminium finish cover plate
	2 modules	
10	786 61	UTP - 8 contacts
10	792 61	UTP - 8 contacts, aluminium finish cover plate
10	786 62	UTP - 8 contacts, socket at 90°
10	792 68	UTP - 8 contacts, socket aluminium finish

RJ 45 sockets (continued)

Pack	Cat.Nos	
	1 module	**Cat. 5e FTP**
10	786 80	FTP - 9 contacts
	2 modules	
10	786 81	FTP - 9 contacts
10	786 82	FTP - 90°
	1 module	**Cat. 5e UTP**
10	786 50	UTP - 8 contacts, 1 module
	2 modules	
10	786 51	UTP - 8 contacts, 2 modules
10	786 52	UTP - 90°

SUB D sockets

	2 modules	
1	787 65	9 contacts - Screw terminals connection to link type RS 232 series
1	787 67	9 contacts - Soldering connection to link type RS 232 series
1	787 66	15 contacts - Soldering connection For example used for specialized line type X21 between 2 distant devices

USB and IEEE 1394 sockets

Used to bring connections closer to the user
Connection via screw terminals cross-section 1 mm²

Female USB
For connecting USB devices (scanner-printer, external hard disk)
Max. cable length: 5 m
Recommended cable: USB A

	1 module	
1	787 61	White finish cover plate
1	792 84	Aluminium cover plate

Female IEEE 1394

1	787 62	FireWire or i.link socket specially designed for transferring large volumes of digital photo and video data

Max. cable length: 5 m
Recommended cable: IEEE 1394 4-pin

Mosaic optical sockets

For connecting 2 fibres to the workstation
Equipped with 1 duplex adaptor
Supplied with protective caps

	2 modules	
1	786 16	Socket with 2 ST optical adaptors bayonet connection
1	786 17	Socket with 2 SC optical adaptors push-pull connection
1	786 18	Socket with 2 LC optical adaptors push-pull connection

Red catalogue numbers: New products

Mosaic™ mechanisms
telephone sockets

786 95

787 32

786 01

Selection chart for boxes, supports and plates (p. 812-813)

Pack	Cat.Nos	
		Flush-mounting telephone/Ethernet double connectors
		Provide increased security against theft and damage to double connectors Provide a rate of 10/100 Mbps Multidirectional cable entry Can be installed in all supports min. 35 mm deep Telephone and Ethernet applications marked on the protective flap
	1 module	
10	786 95	Telephone/Ethernet FTP double connector 9 contacts
10	786 65	Telephone/Ethernet UTP double connector 8 contacts
		Telephone sockets
		RJ 11 and RJ 12 sockets Equipped with a modular Jack connector with 1/4 turn terminal for fast connection Tap-off possible
	1 module	
10	787 30	RJ 11, 4 contacts - White
10	792 31	RJ 11, 4 contacts - Aluminium
	2 modules	
10	787 31	RJ 11, 4 contacts
10	787 32	RJ 12, 6 contacts
		ISDN socket Self-stripping 1/4 turn terminals for fast connection Tap-off possible
10	787 34	8 contacts, 2.5 mm² earth terminal
		Faceplates for computer sockets
	2 modules	Equipped with transparent marker holder
10	786 04	For single Keystone connector
10	786 01	ACO II socket
10	786 02	For single Systimax connector
10	786 03	For double Systimax connector
10	786 09	For single Infra⁺ connector

Legrand System
These products are part of solutions for office equipment > See p. 772-773

Mosaic™ mechanisms
switches and push-buttons for lighting management

NEW

784 73

784 74 equipped with plate Cat.No 791 74

Selection chart for boxes, supports and plates (p. 812-813)

Pack	Cat.Nos	
		Individual controls
		Switches
1	784 71	2 modules - white
1	791 71	2 modules - aluminium
		Double switches For controlling two functions, with 2 possible actions per rocker. Can control dimming of the lighting or initiate scenarios recorded on Cat.No 035 65 Particularly suitable for controlling standard or safety roller blinds
1	784 73	2 modules - white
1	791 73	2 modules - aluminium
		Double pushbuttons For controlling two functions, with 1 action per rocker Particularly suitable for time-delayed control or dimming control (a short press for on/off and a long press for dimming)
1	784 72	2 modules - white
1	791 72	2 modules - aluminium
		Centralized controls
		Colour touch screens For controlling all relays and thus carrying out all the functions of the installation For controlling lighting and blinds: - Local control - Control by zone - Time-delayed control - Locking functions The lighting control can be on/off and/or dimming The configurable colour touch screen is easy and intuitive to use
1	784 74	Touch screen To be equipped with white plate Cat.No 784 70 or aluminium plate Cat.No 791 74
		Multifunction pushbuttons For controlling dimmers, with the possibility of defining gradual on/off of the lighting This function is particularly suitable for establishments with accessibility restrictions. Can also be used for locking/unlocking a function, for example to prevent switching on lighting during a particular time period
1	784 75	2 modules - white
1	791 75	2 modules - aluminium
		Scenario switches For controlling up to 4 scenarios These scenarios are defined on Cat.No 035 51 (p. 912) The scenarios can control lighting and blinds
1	784 78	2 modules - white
1	791 78	2 modules - aluminium

Lighting management (p. 908)

Red catalogue numbers: New products

Mosaic™ mechanisms
audio and video sockets

NEW

787 74

787 72

787 73

787 70

787 71

Selection chart: boxes, support frames and plates (p. 812-813)

Female HD15 sockets

Used to transmit analog video streams (VGA, XGA, UXGA depending on graphic card) between a source (computer) and a compatible receiver (plasma, LCD, video projector, etc...)

Pack	White	Alu
1	787 57	792 57

Screw-type female HD15 sockets
2-gang
Fast screw connection - 15 pin

Pack	White
1	787 74

Screw-type female HD15 sockets + 3.5 mm jack
2-gang
Fast screw connection - 18 pin

Pack	White
1	787 72

Solder-type female HD15 sockets
1-gang
15 pin

Pack	White
1	787 59

Female HD15 socket + 5 preconnected BNC sockets RGBHV
VGA adaptor, female HD15 base to 5 female BNC sockets 75 Ω

Jack plugs 3.5 mm

3.5 mm jack connectors can be used to create audio/video links from a portable source

Pack	White	Alu
1	787 64	792 64

4 screw-type female 3.5 mm jack plug
1-gang

Pack	White
1	787 73

Solder-type female 3.5 mm jack plug
1-gang

HD15 + 3.5 mm Jack amplifier

Used to connect audio/video terminals more than 20 m apart
The video link is via an HD15 connector (resolution up to UXGA)
The stereo audio link is via a 3.5 mm jack

Pack	White
1	787 70

The kit includes:
- One 4-module Mosaic transmitter equipped with an HD15 connector and a 3.5 mm jack
- One 4-module Mosaic receiver equipped with an HD15 connector and a 3.5 mm jack
- One 4-module Mosaic power supply to be connected on the mains then linked to the receiver or transmitter

The link between the transmitter and receiver is via a network cable (Cat.No 327 56)
Transmitter and receiver are supplied with an RJ 45 LCS jack for tool-free connection

Other audio and video sockets

HDMI type A sockets
2-gang
Used to transmit high-definition digital audio/video streams between a source (HD-DVD drive, computer, etc) and a compatible receiver (plasma, LCD, etc)

Pack	White	Alu
1	787 68	792 75

Other audio and video sockets (continued)

DVI-I socket
2-gang
Used to transmit high-definition digital video streams between a source (computer) and a compatible receiver (plasma, LCD, video projector, etc)

Pack	White	Alu
1	787 71	

YUV socket
1-gang. Provides the high definition analogue video link for a DVD, PC monitor, plasma screen, etc

Pack	White
1	787 69

Female 1 RCA socket
1-gang
Provides the composite video link for any peripheral device such as a DVD drive, camera, video recorder, etc

Pack	White
1	787 52

Female 2 RCA socket
1-gang. Provides the stereo audio link for any peripheral device such as a DVD drive, camera, video recorder

Pack	White
1	787 53

Female 3 RCA socket
1-gang
Provides the composite video and stereo audio link for any peripheral device such as a DVD drive, camera, video recorder, videoconferencing, etc

Pack	White	Alu
1	787 54	792 54

Female BNC 75 socket
1-gang
Provides the composite video link for any peripheral device such as a DVD drive, camera, video recorder, etc

Pack	White
1	787 58

S-Video socket (4-pin mini-DIN)
1-gang. Provides the YC video link for any peripheral device such as a DVD drive, camera, video recorder, videoconferencing, etc

Pack	White
1	787 63

Leads

For connecting a socket to a terminal

HDMI lead
Length 10 m. For connecting an HDMI socket to the audio/video terminal (plasma screen, DVD drive, Home Cinema, games console, etc). For use at more than 10 m, use the HDMI Booster Cat.No 779 30

Pack	
1	517 20

HD 15 lead + 3.5 mm Jack
Length 2 m. For connecting an HD 15 video socket and a 3.5 mm audio jack to a terminal (PC, video projector)

Pack	
1	517 22

HDMI booster
Used to extend an HDMI connection
Consists of 2 female connectors and used as an addition to the HDMI lead (for example lead Cat.No 517 21)
Does not need an external power supply

Pack	
1	779 30

Cables

For connecting 2 sockets a long distance apart

HDMI cable
Length 20 m. For connecting HDMI sockets at a distance of up to 10 m

Pack	
1	327 80

VGA cable
Length 20 m. For connecting full pin HD 15 sockets at a distance of up to 20 m

Pack	
1	327 81

Red catalogue numbers: New products

Mosaic™ mechanisms
audio, TV-R-SAT sockets

NEW

audio and video sockets

792 55

787 76

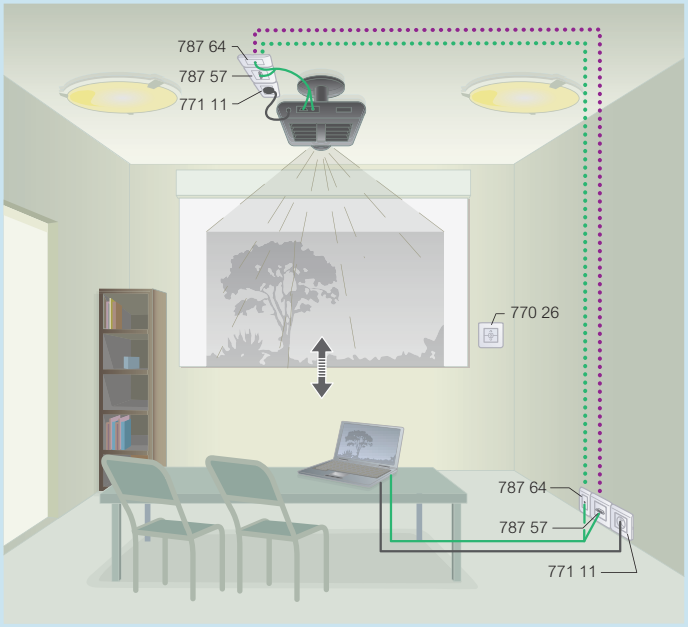
787 60

787 50

Selection chart: boxes, support frames and plates (p. 812-813)

Pack	Cat.Nos White	Cat.Nos Alu
Audio sockets		
	XLR 3-pin	
	Provides the stereo link for microphone, amplifier, mixing console, etc.	
	Recommended microphone cable: 1 audio pair 0.22 mm2 shielded	
	Recommended enclosure cable: 1 audio pair 1.5 mm2 (can take 2.5 mm²)	
	Max. cable length: 50 m	
1	787 55	792 55
	Fast screw connection female	
1	787 56	
	Fast screw connection male	
	4-pole Speakon	
1	787 60	
	Used to connect power enclosures Recommended cable: 1 audio pair 2.5 mm² Max. cable length: 50 m (without amplifier)	
	Loudspeakers	
10	787 51	
	Loudspeaker socket - 2 modules Terminal 4 mm²	
10	787 50	792 50
	Loudspeaker socket - 1 module Terminal 4 mm²	
	Attenuator	
	Allow to adjust power a balanced 100 V loudspeaker line	
1	787 75	
	100 V - 12 W	
1	787 76	
	100 V - 25 W	
Television, national satellite sockets		
	2 modules - shielded TV sockets TV-IEC male, 5 - 862 Mhz, attenuation ≤ 1.5 dB R-IEC female, 87.5 - 108 Mhz, attenuation ≤ 1.5 dB SAT "F" screw-in 950 - 2400 Mhz, attenuation ≤ 2 dB For reception of analogue and digital transmissions (DTT, analogue or digital satellite channels, HDTV...)	
	Star system sockets	
	Conform to EN 607 28-1	
	Recommended cable 17/19 VATC	
10	787 86	792 96
	Screened TV/R/SAT socket - Insulated	
10	787 83	
	TV-R socket - male/female Screened TV+R socket - Insulated Ø9.52 mm	
10	787 80	
	Single type "F" screw-in TV socket	
10	787 82	792 92
	Single TV socket - male Ø9.52 mm	
10	787 81	
	Single TV socket - female Ø9.52 mm	
	Through system sockets	
10	787 87	
	Throughwiring TV/R socket - Derivation attenuation: 14 dB	
10	787 88	
	Terminal TV/R socket - Terminal attenuation: 10 dB	
10	6771 37	
	Single TV throughwiring socket - Derivation attenuation: 14 dB	
10	6771 38	
	Single TV terminal socket - Terminal attenuation: 10 dB	

■ Meeting room

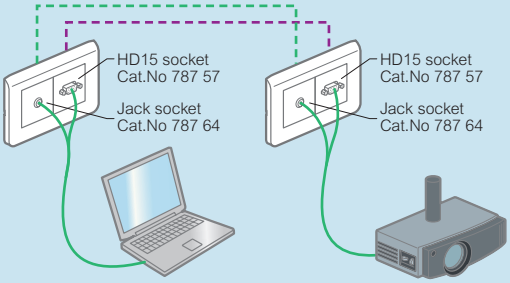


XGA cable (Cat.No 327 81)
HD 15 lead + 3.5 mm jack (Cat.No 517 22)
Audio coaxial cable

Video transmission with HD15 and/or DVI sockets
Audio transmission with Jack plugs 3.5 mm

Standard installation

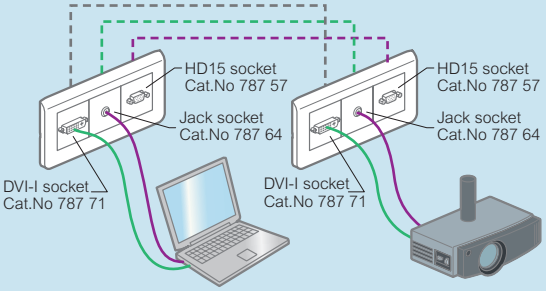
Analogue video XGA 1280 x 720 pixels



For management of existing computers

High quality installation

Digital video HD 1920 x 1080 pixels



To manage new computers, add a DVI link

jack 3.5 mm² male/male lead
DVI-I lead

Red catalogue numbers: New products

Mosaic™ mechanisms

NEW

illuminated signage functions, bulkhead lights and indicator lights

785 20

785 22

785 10

785 01

785 11

Selection chart for boxes, supports and plates (p. 812-813)

All the illuminated functions are equipped with very low consumption LEDs with an estimated service life of 100,000 hours

Illuminated signs 230 V~

Mechanisms integrating LEDs and a pivoting window that can take preprinted labels
Customised labels can be printed using a simple text editor. Supplied with transparent paper to personalize labels

Pack	Cat.Nos	
	2 modules	
5	785 20	Signs with white LEDs A choice of 2 power levels (0.2 W or 1 W)
5	785 21	Signs with blue LEDs A choice of 2 power levels (0.2 W or 1 W)
5	785 24	Signs with 2-state LEDs with choice of green or red configurable on the mechanism (1 W)
	5 modules	
1	785 22	Signs with white LEDs (1 W)
1	785 23	Signs with blue LEDs (1 W)

Preprinted labels for illuminated signage mechanisms

All labels below will be supplied until stock lasts

Pack	Cat.Nos	
	2 modules	
10	785 30	Direction arrow label
10	785 32	"EXIT" label
10	785 34	"WC" label
10	785 36	"Meeting room" pictogram label
10	785 38	"Reception" pictogram label
10	785 39	"No admission" pictogram label
10	785 40	"Men only" pictogram label
10	785 41	"Women only" pictogram label
10	785 42	"Disabled only" pictogram label
10	785 43	"Cloakroom" pictogram label
10	785 44	"Smoking area" pictogram label
10	785 45	"No smoking area" pictogram label
10	785 46	"Air conditioning" pictogram label
10	785 47	"Telephone" pictogram label
10	785 48	"Telephones prohibited" pictogram label
	5 modules	
10	785 31	Direction arrow label
10	785 33	"Exit" label
10	785 35	"WC" label
10	785 37	"Meeting room" pictogram label

Self-contained pilot light

Pack	Cat.Nos	
1	785 12	During a power failure, automatically gives light using a high power white LED (stand-alone operation: 1 hour) Circular lighting by blue LED in standby mode Supplements the regulatory safety lighting system to meet high requirements (for child care centres, health, accessibility, retirement homes, etc.) Option of switching off by remote control

Illuminated obstacle indicator

Pack	Cat.Nos	
	2 modules	
1	785 11	Mechanism equipped with an infrared detection cell and a LED beam For installation near an obstacle such as a step or a change of level When a person passes, the mechanism detects his/her presence and lightens the obstacle The function is equipped with an audible signal that can be disengaged

Bulkhead light

Pack	Cat.Nos	
	2 modules	
1	785 10	Bulkhead light for skirting pilot light, 230 V

Indicator lights

For indicator or illuminated functions. Supplied with 4 coloured labels (red, orange, green and blue)

Pack	Cat.Nos	
	1 module	
10	785 01	Single indicator 230 V (1 W)
10	785 02	Double indicator 230 V (1 W)
10	785 51	Single indicator 12-24 V (0.2 W)
10	785 52	Double indicator 12-24 V (0.2 W)

3-wire ceiling motion sensor 1000 W 230 V~ - 50 Hz

Pack	Cat.Nos	
1	493 33	For use in corridors, toilets, offices, etc Maximum load: 1000 W incandescent and 230 V halogen lamps 500 VA ELV halogen lamps Angle of detection 360° Detection area on ground Ø3.7 m if mounted at 2,4 m height Time delay from 1 s to 6 min. Luminosity threshold: 3 to 1000 lux

Red catalogue numbers: New products

Mosaic™ mechanisms
antibacterial range

NEW

787 11

787 12

787 03

787 21

787 22

788 80

Products made of antibacterial material based on silver ions Ag+
This technology can eliminate most bacteria, fungi and viruses, without the risk of building up resistance
Particularly suitable for healthcare establishments (hospitals, clinics, nursing homes, laboratories, waiting rooms, etc) and in general for spaces subject to hygiene restrictions (industrial, shared and restaurant kitchens, child care centers, toilets, etc)
Products tested in accordance with standard JIS Z 2801 by an approved COFRAC laboratory
Test report available on the e-catalogue

This mark will help you identify Mosaic antibacterial solutions
Other functions in the Mosaic offer made of antibacterial material are available on special order: please consult us

Switches and pushbuttons

Pack	Cat.Nos	
10	787 10	Switch 10 AX - 1 module (same characteristics as Cat.No 770 01)
10	787 11	Switch 10 AX - 2 modules (same characteristics as Cat.No 770 11)
10	787 12	Two-way switch 10 AX with LED indicator - 2 mod. (same characteristics as Cat.No 770 12)
10	787 14	Pushbutton 6 A - 1 module (same characteristics as Cat.No 770 30)
10	787 15	Pushbutton 6 A - 2 modules (same characteristics as Cat.No 770 40)
10	787 16	Two-way pushbutton 6 A with LED indicator - 2 mod. (same characteristics as Cat.No 770 42)

Socket outlets

10	787 02	2P+E german standard (same characteristics as Cat.No 772 13)
10	787 03	2P+E flush recess type to make cleaning easier and prevent dirt accumulating (same characteristics as Cat.No 771 32)

RJ 45 sockets

10	787 06	Cat. 6 FTP - 9 contacts (same characteristics as Cat.No 786 90)
10	787 07	Cat. 6 UTP - 8 contacts (same characteristics as Cat.No 786 60)

Plates

Pack	Cat.Nos	
10	787 22	For 2 modules (same characteristics as Cat.No 788 02)
5	788 80	IP44 - 2-gang, equipped with a membrane which can receive Mosaic control and connection functions (not mounted on surface mounting boxes)
10	787 24	For 4 horizontal modules (same characteristics as Cat.No 788 14)
10	787 23	For 2 x 2 vertical modules (same characteristics as Cat.No 788 22)
10	787 25	For 2 x 2 horizontal modules (same characteristics as Cat.No 788 04)
10	787 26	For 6 horizontal modules (same characteristics as Cat.No 788 16)

Blanking plates

10	787 20	1 module
10	787 21	2 modules

Legrand System

These products are part of healthcare buildings system > See p. 814-815

Red catalogue numbers: New products

Mosaic™ mechanisms

surge arrester, replacement module, filter, proximity MCBs, 230/12 V transformer

775 40

775 41

775 31

Selection chart for boxes, supports and plates (p. 812-813)

Pack	Cat.Nos	
		Voltage surge protector
1	2 modules 775 40	16 A - 250 V~ - 50/60 Hz Protection against overvoltages of atmospheric or industrial origin, in an installation already protected by a voltage surge protector in the panel (p. 162) For installation downstream of an RCBO, protects all the sockets wired in cascade with the voltage surge protector. Operation displayed by indicator light Keeps the socket energised after an overvoltage (mains or lightning strike) until replacement of module Cat.No 775 41 Nominal discharge current (In): 1.5 kA Maximum permissible current (Imax): 6 kA Protection level (Up): L-N: 1 kV; N-PE: 1 kV Open circuit voltage (Uoc): 3 kV Conform to standards EN 61643-11
		Replacement module for voltage surge protector
1	775 41	For Cat.No 775 40
		Filter
1	2 modules 775 42	6 A - 250 V~ - 50/60 Hz Supplied with fuse 5 x 20 - 6.3 A Cat.No 102 63. Measurements conforming to standards CISPR 14 and 17. Interference capacitors. Measured attenuation of filter conforming to standards CISPR 14 and 17
		Proximity MCBs Used for local protection of part of a circuit against overloads and short circuits Used in addition to the main protection device Due to its proximity to the user and its discrimination with the main protection device, the restart can be immediate. Used in combination with other devices, the proximity MCB has the same discrimination characteristics as the DNX P + N with the same rating (p. 117) The Mosaic proximity MCB can also be used as a local consumption limiter (depending on its rating) Breaking capacity: 3000 A - NF C 61-410 (10/16 A) 1500 A - NF C 61-410 (6 A)
	2 modules	**Single pole thermal magnetic MCB + Neutral 230 V~**
1	775 21	10 A
1	775 22	16 A
		Single pole RCBOs + Neutral 230 V~ The residual current device provides additional protection of people (premises with conductive flooring, presence of water, etc.) against direct contact with live parts or earth leakages
1	775 31	10 A - 30 mA have a test button
1	775 32	16 A - 30 mA have a test button
1	775 33	10 A - 10 mA have a test button
1	775 34	16 A - 10 mA have a test button
		Transformer 230/12 V 4VA
1	2 modules 775 60	Primary: 230 V~ - 50 Hz Secondary: 12 V~ - 500 mA Maximum power: 4 VA When used with a 2P+E socket or a cable outlet, enables low voltage applications to be connected

NEW

Mosaic™ mechanisms

anti-extraction module, tap-off, cable outlets, blanking plates

775 51

770 71

Selection chart for boxes, supports and plates (p. 812-813)

Pack	Cat.Nos	
		Tap-off
1	2 modules 775 53	Equipped with 3 terminals for ease of tap-off 20 A
		Cable outlets
10	2 modules 775 51	16 A with cable grip Equipped with 4 automatic connection terminals on the front and rear face for easy connection
10	775 50	20 A with cable grip
10	1 module 775 52	Ø8 mm wire outlet
		Blanking plates
10	1 module 770 70	Pre-equipped for fixing a printed circuit 1 module white finish
10	2 modules 770 71	2 modules white finish
10	1 module 792 70	1 module aluminium finish
10	2 modules 792 80	2 modules aluminium finish

DIN rail mounting voltage surge protectors
(p. 160 to 165)

Red catalogue numbers: New products

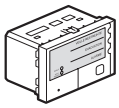
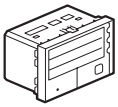
Mosaic™ mechanisms
safety equipment

406 80

415 07

766 82

Selection chart for boxes, supports and plates (p. 812-813)

Pack	Cat.Nos	Fire alarm master panel
1	3 modules 406 80	 For remote feedback of alarm, evacuation, restricted standby and fault information supplied by the Monitoring & Signalling Equipped on the front face with: - 4 general information indicators (alarm, evacuation, restricted standby, power on/fault) - 1 "stop-sound" pushbutton Line length: 750 m with 2 separate cables, 1 x 9/10th pair, CR1 Size: 3 Mosaic 22.5 x 45 mm modules
1	2 modules 415 07	**Sounder** Option of continuous sound or selective general alarm Power supply 12 to 48 V⎓ +/- 10% Acoustic power at 2 m: 70 dB Average consumption: 12 V = 5 mA, 24 V = 9 mA, 48 V = 17 mA
1	3 modules 766 82	**3-direction control unit/master panel for technical alarms**  Depending on its configuration, used to provide either the function of a 3-direction control unit or that of a master panel • When configured as a control unit, informs the user by means of an audible and visual signal of one or more faults that have occurred on the installation Up to 9 directions (3 control units maximum) Option of temporary or permanent sound acknowledgement of the entire installation (control unit and master panels), then of visual acknowledgement after repair of the faults • When configured as a master panel, feeds back by means of an audible and visual signal the alarm information transmitted by the control unit or units (3 control units maximum) Option of local sound acknowledgement, either temporary or permanent Size: 3 modules of 22.5 x 45 mm IP 40 IK 04 Signalling of the first fault that occurred by flashing indicator Indicator and buzzer test function Equipment: - 1 buzzer, 65 dB at 1 m - 3 red indicators (1 indicator per loop/control unit connected) with identification zone - 1 green indicator (presence of power supply/ battery) - 1 pushbutton Power supply voltage 12 V∿ I/⎓ Stand-alone operation 1 hour Supplied without power supply, see opposite

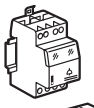
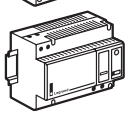
Mosaic™ mechanisms
accessories for safety equipment

NEW

775 60

406 58

Selection chart for boxes, supports and plates (p. 812-813)

Pack	Cat.Nos	Power supplies
1	2 modules 775 60	**230/12 V 4 VA transformer** Primary: 230 V∿ - 50 Hz Secondary: 12 V= 500 mA Maximum power: 4 VA When used with a 2P+E socket or a cable outlet, enables low voltage applications to be connected
1	042 25	**Lexic 230/12 V transformer**  230 V, 12/8 V - 8 VA - 0.66 A transformer 2 Lexic modules
1	042 10	 Protected power supply, 230 V - 12 V - 0.5 A Stand-alone on battery Sealed batteries, nickel metal hydride Capacity: 280 mA/h 6 Lexic modules
1	2 modules 406 58	**Mosaic activation indicator** Used for feedback of the detection indication outside the premises from a detector
10	2 modules 766 40	**Buzzers and bells** 8 V∿ - 50/60 Hz Consumption 370 mA Sound level 70 dB at 1 m
10	766 41	230 V∿ - 50/60 Hz Consumption 25 mA Sound level 70 dB at 1 m
1	766 42	Electronic bell 12-24-48 V DC Consumption 5-9-17 mA Depending on power supply Sound level 80 dB at 1 m

Mosaic™ plates

NEW

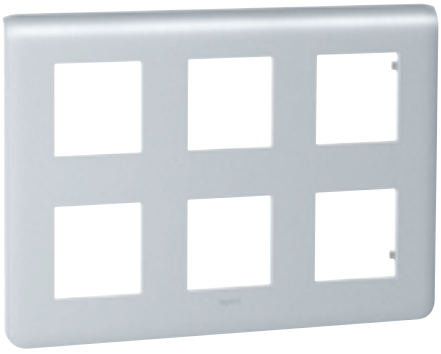
788 01

790 02

788 03

790 08

788 25


790 32

Pack	Cat.Nos White	Cat.Nos Aluminum	Plates
			Clip onto screw-mounted or clip mounted supports via notches (thickness adjustment)
10 | 5	788 01	790 01	For 1 module Clips onto support Cat.No 802 50
10 | 5	788 11	790 11	For 1 module 80 x 80 mm. Clips onto supports Cat.Nos 802 51/60/61/62/69
10	788 02	790 02	For 2 modules Clips onto supports Cat.Nos 802 51/60/61/62/69
10 | 5	788 03	790 03	For 3 modules Clips onto support Cat.No 802 59
10 | 5	788 14	790 14	For 4 horizontal modules Clips onto supports Cat.Nos 802 52/58
10 | 5	788 15	790 15	For 5 horizontal modules Clips onto supports Cat.Nos 802 52/58
10 | 5	788 25	790 25	For 5 vertical modules Clips onto supports Cat.Nos 802 52/57
10 | 5	788 04	790 04	For 2 x 2 horizontal modules Clips onto supports Cat.Nos 802 52/58 or 2 x 802 51
10 | 5	788 22	790 22	For 2 x 2 vertical modules Clips onto supports Cat.Nos 802 52/57 or 2 x 802 51
10 | 5	788 16	790 16	For 6 horizontal modules Clips onto support Cat.No 802 53
10 | 5	788 18	790 18	For 8 horizontal modules Clips onto support Cat.No 802 53 or 3 x 802 51
10 | 5	788 06	790 06	For 3 x 2 horizontal modules Clips onto support Cat.No 802 53 or 3 x 802 51
10 | 5	788 23	790 23	For 3 x 2 vertical modules Clips onto support Cat.No 802 53 or 3 x 802 51

Pack	Cat.Nos White	Cat.Nos Aluminum	Plates (continued)
1	788 10	790 10	For 10 horizontal modules Clips onto support Cat.No 802 64
1	788 08	790 08	For 4 x 2 horizontal modules Clips onto support Cat.No 802 54 or 3 x 802 51
5 | 1	788 30	790 30	For 2 x 5 modules Clips onto support Cat.No 802 64
5 | 1	788 38	790 38	For 2 x 2 x 2 modules Clips onto support Cat.No 802 64
5 | 1	788 36	790 36	For 2 x 6 modules Clips onto support Cat.No 802 66
5 | 1	788 37	790 37	For 2 x 8 modules Clips onto support Cat.No 802 66
5 | 1	788 32	790 32	For 2 x 3 x 2 modules Clips onto support Cat.No 802 66
1	788 28	790 28	For 2 x 10 modules Clips onto support Cat.No 802 68

ex29001_

Red catalogue numbers: New products

Mosaic™ plates (continued)

788 64 788 54 788 80

Pack	Cat.Nos	Special plates for refurbishment
	White	Plates specially for installing Mosaic functions in old flush-mounting boxes with 57 mm spacing (see opposite)
10	788 64	For 2 x 2 horizontal modules
10	788 66	For 3 x 2 horizontal modules
10	788 54	For 2 x 2 vertical modules
10	788 56	For 3 x 2 vertical modules

Pack	Cat.Nos	Special antibacterial IP 44 plate
	White	
5	788 80	Plate made from antibacterial material Can accommodate control and connection functions. Suitable for areas that require frequent cleaning and need to be impact-resistant and sealed: - Common areas (bathrooms, etc.) - Health care establishments (hospitals, nursing homes, etc.) - Laboratories (food processing, pharmaceuticals, teaching, etc.) Equipped with a shutter with a membrane, can accommodate Mosaic control and connection functions Cannot be mounted on surface-mounting boxes

Pack	Cat.Nos	Label holder
		Holder for self-adhesive labels for Mosaic finishing plates or any other Mosaic installation support
10	791 51	Curved transparent label holder
10	791 52	Flat transparent label holder

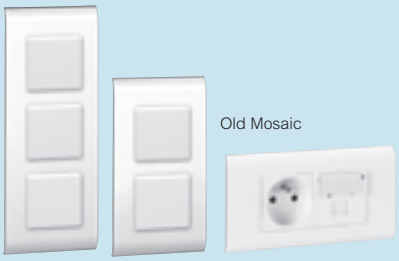
NEW

Mosaic™ plates

installation for refurbishment work in existing boxes and compatibility with old Mosaic

■ Multi-gang, spacing 57 mm:

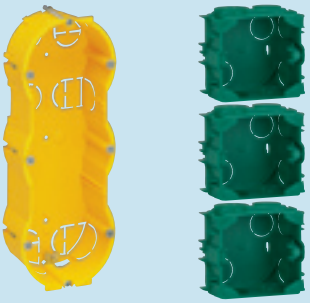
Use 2 module supports joined together (Cat.No 802 51) and special plates for refurbishment (Cat.Nos 788 54/56/64/66)



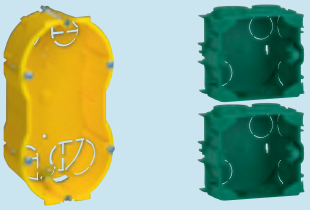
Old Mosaic

Simply clip the Mosaic functions onto the universal support

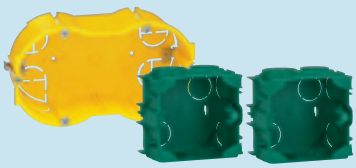
Special plate for refurbishment for 57 mm spacing

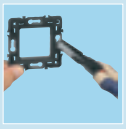


893 53 3 x 892 41



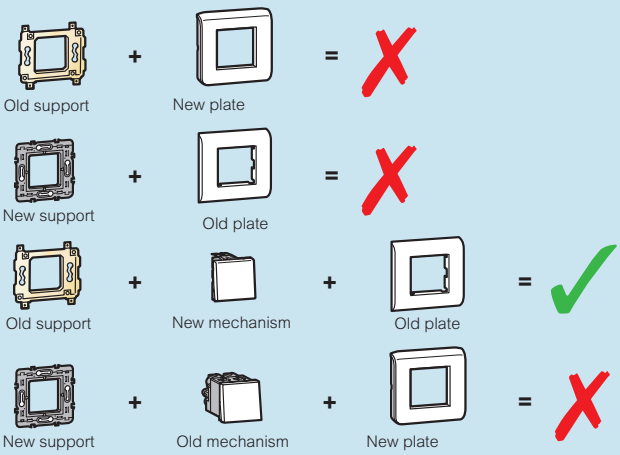
893 42 2 x 892 41





For 57 mm vertical or horizontal spacing, simply break the separable part of the universal support along the pre-cut

■ Compatibility with old Mosaic



Red catalogue numbers: New products

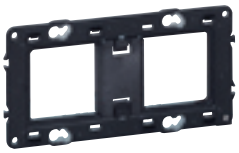
Mosaic™ supports

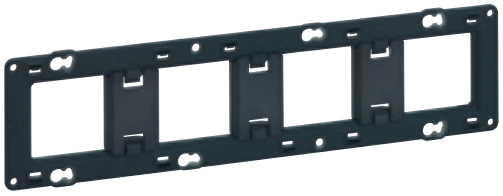
NEW

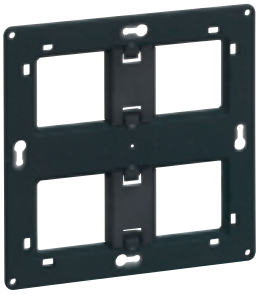
802 50

802 51

802 59

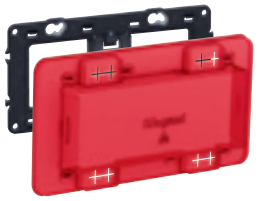

802 52


802 54


802 64

802 62

802 57


Supports supplied with site protection

Supports

All supports are supplied with site protection except for Cat.Nos 802 64/66/68

Pack	Cat.Nos	
10	802 50	For 1 module
10	802 51	For 2 modules
10	802 61	For 2 modules with clips or claws (length 27 mm)
10	802 69	For 2 modules with long clips (length 37 mm)
5	802 59	For 3 modules
10	802 52	For 4, 5 or 2 x 2 modules, horizontal or vertical
5	802 53	For 6, 8 or 3 x 2 modules horizontal ou vertical
5	802 54	For 10 or 4 x 2 modules
5	802 64	For 2 x 4 or 2 x 2 x 2 modules
5	802 66	For 2 x 6, 2 x 8 or 2 x 3 x 2 modules
5	802 68	For 2 x 10 modules

Other supports for Italian type boxes supplied with screws

Pack	Cat.Nos	
10	802 13	3 modules
5	802 14	4 modules

Other supports for Italian type boxes supplied with screws (continued)

Pack	Cat.Nos	
5	802 16	6 modules

Illuminated supports

Equipped with a ring of low consumption LEDs (0.3 kWh per year in continuous use) to create an illuminated halo effect through the finishing plate

Pack	Cat.Nos	
1	802 60	For 2 modules Power: 0.03 W Ideal for illumination function
1	802 62	For 2 modules Power: 1.4 W Ideal for indicator function
1	802 57	For 5 or 2 x 2 vertical modules Power: 0.03 W Illumination function
1	802 58	For 4, 5 or 2 x 2 horizontal modules Power: 0.03 W Illumination function

Thin wall supports

Narrow 1 module
For mounting on box Cat.No 800 10

Pack	Cat.Nos	
10	802 90	White finish
10	802 94	Aluminium finish

Narrow 2 modules
For mounting on 1 box Cat.No 800 11

Pack	Cat.Nos	
10	802 91	White finish
10	802 95	Aluminium finish
10	802 92	Narrow 2x1 modules, vertical For mounting on 2 boxes Cat.No 800 10

Isolation boxes for mechanisms

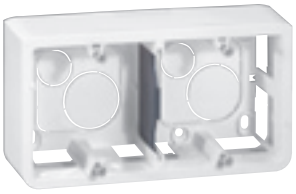
For protecting mechanisms in the wall

Pack	Cat.Nos	
10	800 10	1 module for Cat.Nos 802 90/92
10	800 11	2 modules for Cat.No 802 91

Red catalogue numbers: New products

Mosaic™ surface-mounting boxes

802 80



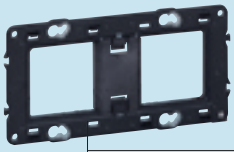
802 85

Pack	Cat.Nos	Surface-mounting boxes
		For 2 modules (support Cat.No 802 51) Equipped with a 20 x 12.5 mm removable entry
5	802 80	Depth 30 mm
5	802 81	Depth 40 mm
		For 3 modules (support Cat.No 802 59)
2	802 89	Equipped with a 20 x 12.5 mm removable entry Depth 40 mm
		For 4, 5 or 2 x 2 horizontal modules (support Cat.No 802 52)
5	802 85	Equipped with a 32 x 12.5 mm removable entry Depth 40 mm
		For 6, 8 or 3 x 2 horizontal modules (support Cat.No 802 53)
5	802 86	Equipped with a 32 x 12.5 mm removable entry Depth 40 mm
		For 10 or 4 x 2 horizontal modules (support Cat.No 802 54)
2	802 84	Equipped with a 40 x 20 mm removable entry Depth 40 mm
		For 5 or 2 x 2 vertical modules (support Cat.No 802 52)
5	802 82	Equipped with a 20 x 12.5 mm removable entry Depth 40 mm
		For 3 x 2 vertical modules (support Cat.No 802 53)
5	802 83	Equipped with a 20 x 12.5 mm removable entry Depth 40 mm
		For 2 x 5, 2 x 2 x 2 modules (support Cat.No 802 64) or lighting environment controller
1	802 74	Equipped with a 40 x 20 mm removable entry Depth 46 mm
		For 2 x 6, 2 x 8 or 2 x 3 x 2 modules (support Cat.No 802 66)
1	802 76	Equipped with a 40 x 20 mm removable entry Depth 46 mm
		For 2 x 10 modules (support Cat.No 802 68)
1	802 78	Equipped with a 40 x 20 mm removable entry Depth 46 mm
		Modular support
10	802 99	For fixing Mosaic or rail ⊔ Larg. 46.3 mm Number of modules 2.5

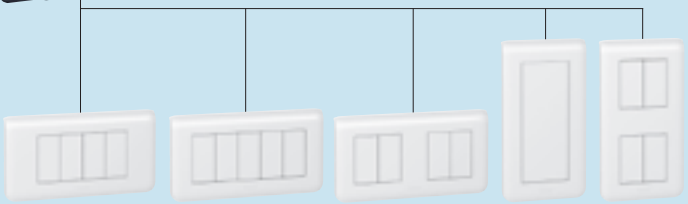
Mosaic™ supports

NEW

■ Easier, increased modularity with the universal support



Support for horizontal or vertical mounting
The removable spacer allows full or partial modularity



4 horizontal modules | 5 horizontal modules | 2 x 2 horizontal modules | 5 vertical modules | 2 x 2 vertical modules

■ Using blanking plates for supports

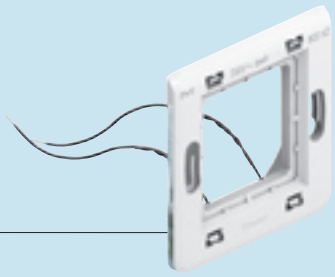
Using blanking plates Cat.No 791 04

Using blanking plates Cat.No 791 06

Using blanking plates Cat.No 791 10

When the total capacity of the support is not used, the gaps must be filled in with blanking plates to ensure IP 20 protection when the finishing plate has not yet been installed

■ Illuminated support: innovation plus energy savings



LED illuminated ring

Enhances functions using light
For indicator or illuminated functions
Available in 2 modules version (Cat.Nos 802 60/62), 4, 5 or 2 x 2 horizontal modules version (Cat.No 802 58) and in 5 or 2 x 2 vertical modules version (Cat.No 802 57)
Very low energy consumption:
- Cat.No 802 62: 12 kWh a year
- Cat.Nos 802 57/58/60: 0.3 kWh a year

Red catalogue numbers: New products

legrand

supports, plates and boxes for Mosaic™

	UNIVERSAL SUPPORTS		OTHER SUPPORTS ITALIAN STANDARD	MOSAIC PLATES (IP 44, see p. 808) Standard		SURFACE MOUNTING BOXES Depth (mm)	Cat.Nos	DRY PARTITIONS Batibox Depth (mm)	Cat.Nos	MASONRY Batibox Depth (mm)	Cat.Nos	MASONRY Universal boxes Depth (mm)	Cat.Nos	MASONRY Italian type Depth (mm)	Cat.Nos	MULTI-MATERIALS Depth (mm)	Cat.Nos
1 module		802 50			788 01 ○ 790 01 ●			40	800 40	40	801 40	(without screws)					
2 modules		802 51 802 60 (illuminated) 802 62 (indicator) 802 61/69 (clip-mounting)			788 02 ○ 790 02 ●	30 40	802 80 802 81	40 50 60	800 41 800 51 800 61	40 50	801 41 801 51	40	313 01	50	892 39		
3 modules		802 59 (with claws)	802 13		788 03 ○ 790 03 ●	40	802 89	40	800 49	40	801 49						
4 modules			802 14		788 14 ○ 790 14 ●									50	892 49		
5 modules		802 58 (illuminated)			788 15 ○ 790 15 ●	40	802 85										
2 x 2 modules					788 04 ○ 790 04 ●			40 50	800 42 800 52	40 50	2 x 801 41 2 x 801 51	40	2 x 313 01				
5 modules	802 52				788 25 ○ 790 25 ●												
2 x 2 modules		802 57 (illuminated)			788 22 ○ 790 22 ●	40	802 82					40	2 x 313 01				
6 modules			802 16		788 16 ○ 790 16 ●									50	892 50		
8 modules					788 18 ○ 790 18 ●	40	802 86										
3 x 2 modules		802 53			788 06 ○ 790 06 ●			40 50	800 43 800 53	40 50	3 x 801 41 3 x 801 51	40	3 x 313 01				
3 x 2 modules					788 23 ○ 790 23 ●	40	802 83					40	3 x 313 01				
10 modules		802 54			788 10 ○ 790 10 ●	40	802 84	40 50	800 44 800 54	40 50	4 x 801 41 4 x 801 51	40	4 x 313 01				
4 x 2 modules					788 08 ○ 790 08 ●												
2 x 5 modules		802 64			788 30 ○ 790 30 ●	50	802 74									50	801 24
2 x 2 x 2 modules					788 38 ○ 790 38 ●												
2 x 6 modules		802 66			788 36 ○ 790 36 ●	50	802 76									50	801 26
2 x 8 modules					788 37 ○ 790 37 ●												
3 x 2 x 2 modules					788 32 ○ 790 32 ●												
2 x 10 modules		802 68			788 28 ○ 790 28 ●	46	802 78									50	801 28

Red catalogue numbers: New products

Red catalogue numbers: New products